

CONVEYOR SPEED CONTROL USING PLC AND VFD DEPENDING UPON THE LOAD

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This paper was about controlling the speed of the conveyor based on the incoming information from the PLC through the variable frequency drives (VFD). The speed of the conveyor is controlled to avoid tripe in the motor which drives the conveyor during overload condition.

Key words- PLC (Programmable Logic Controller), VFD (Variable Frequency Drive), CT (Current Transformer).